
CM IRMT BRIEFING
National Operations Division (AOP-100)
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NAS Mod Tracking

Primary Objectives

- Changes to MMS/LEM
 - Standardization of data input
 - Accommodate both hardware & software MODS
 - **Facilitate configuration management (CCD closure)**
- Increase utilization of Status Accounting
 - Provide additional guidelines for recording MODS
 - Standardization of data input
- Modification Indexing
 - Provide listing of scheduled MODS
 - Serve as “advance” notification of released MODS

Primary Objectives (cont'd)

■ SAL LEM Module

- Includes & expands MMS/LEM accessibility to specialists
- Distributes MMS/LEM capabilities across AF workforce

■ LEM Auto-Generation

- Enhances MOD Indexing efforts as “notification”
- Utilizes automation capabilities to reduce administrative workload & ensures standardization

Achievements to Date

- National Modification Workgroup (NMWG)
 - Initially met January 1998
 - Identified requirements & issues
 - Partnerships formed with AOS & ACM
- AFTechNet
 - National Modification Tracking System (NMTS) - Web portals into MMS LEM data via AOP-100 web page (<http://aftechnet.faa.gov>)
 - National Modification Indexing – advance notification application of mods “just” released by AOS-200/AOS-530

Achievements to Date

- AFTechNet (cont'd)
 - National Modification Indexing – (cont'd)
 - Utilize existing AOS-530/AOS-200 databases
 - Manual process coordinated between AOS-530/200 & AOP-100
 - Email notification capability
 - Baseline: June 30, 1999 (Y2K)
 - Available on-line effective June 1, 2001
 - Automation of Modification Indexing scheduled for end of Phase II

Achievements to Date (cont'd)

- AOS Enhancements to MMS LEM
 - Foundation for other objectives
 - New fields: **CCD**, Software Rev No, Project Code, & TTN
 - **FMO LEM data input removed & reintroduced in Phase II**
 - Develop LEM module for SAL
- Deployment
 - MMS LEM: October – December 2001
 - SAL LEM: April 2002

On-going Initiatives

- AOS will manually open parent LEM record for modifications released after deployment of LEM Phase I; beginning on/or about June 1, 2002
 - Incorporate use of Status Accounting paragraph for logging instructions within AOS policy documents
- **Automate National Modification Indexing**
- **AFTechNet NMTS**
 - Modify to conform with MMS/LEM database structure
 - Provide database link to ACM automation tools

On-going Initiatives (cont'd)

- **MMS LEM & SAL LEM Enhancements:**
 - **Standardization of FEQ short-names (AOP-200 coordination required)**
 - **Require MAC change when closing LEM record (September 2002)**
 - **Multiple CCD entries (December 2002)**
 - **Automate procedure to open parent LEM record (May 2003)**
- **FMO Enhancement Temporarily on Hold**
 - **Level of effort**
 - **Focus limited resources on near-term capabilities that meet more immediate needs/requirements**

On-going Initiatives (cont'd)

- High visibility of mod tracking
 - Availability of funding for requirements
 - AF-1 tasks assigned to AOP & AOS
 - Increased inquiries from interested groups/individuals, etc.
 - Usage of AFTechNet tools (NMI & NMTS) increased; NMI taking 7,000+ hits a month

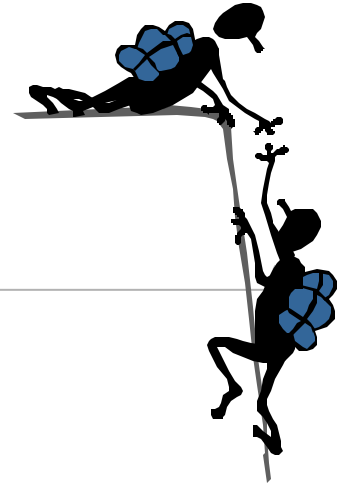
Future Initiatives & Plans

- Internal AOP policy & procedures for spot-checking & tracking modification progress
- Operational Data Store (ODS) – Interface between MMS LEM data & NMTS web portal; transaction based (near real-time)
- Developing interface/integration between NMTS database & Web CM Portal for CCD closure
- Maintain partnership w/ACM-20 & CM initiatives; link to IPTs & Business Units

IPTs & Business Units

- Identify data and/or information requirements
- Continue with existing processes to solve immediate needs
- Become familiar with automated tools through demonstrations & use
- By end of calendar year 2002, use automated tools exclusively & coordinate modification data needs through AOP using established policy, procedures, & guidelines
- Mod Tracking presentations – jointly or individually

Current Challenges



- Immediate need for modification data & information
- Diversity of data requirements; yet similar
- Multiple data sources & efforts to warehouse data
- Accessing the data & putting into usable format
- “Just within our grasp”....
- Shifting/changing FAA organizational structure
- Coordination... Coordination... Coordination...